FIG. 1 (a)

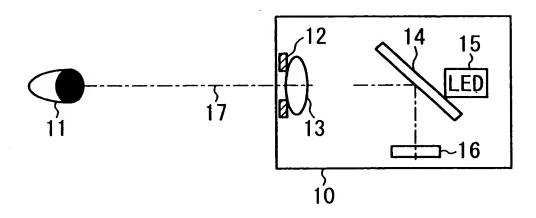
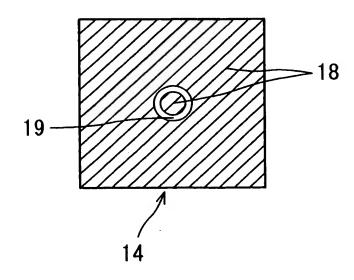


FIG. 1 (b)



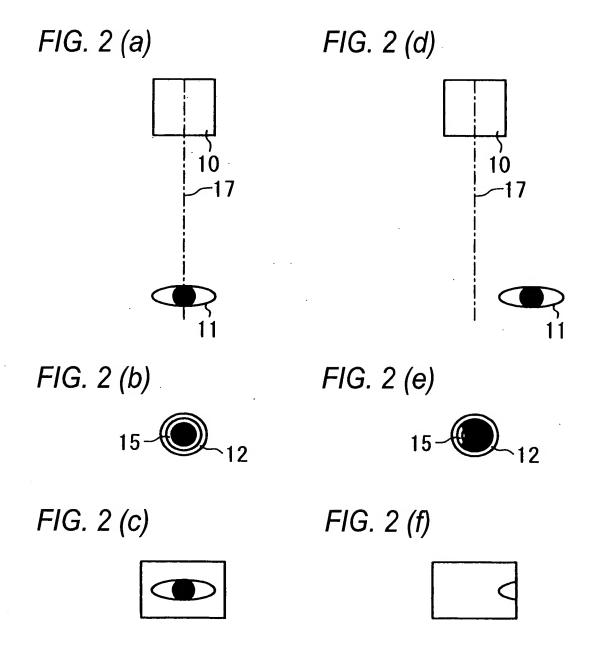


FIG. 3

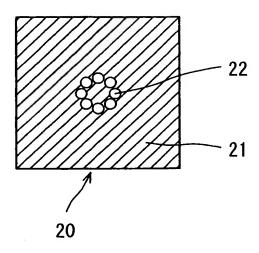


FIG. 4

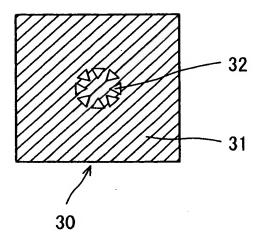


FIG. 5

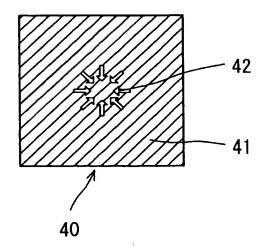


FIG. 6

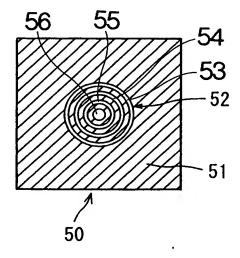


FIG. 7

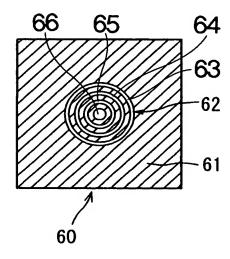


FIG. 8

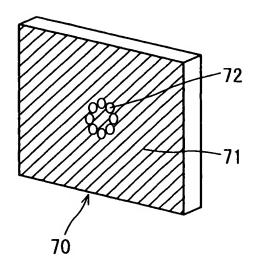


FIG. 9

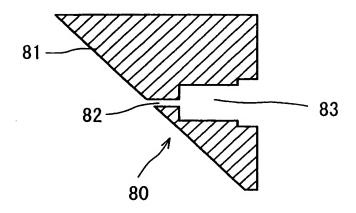
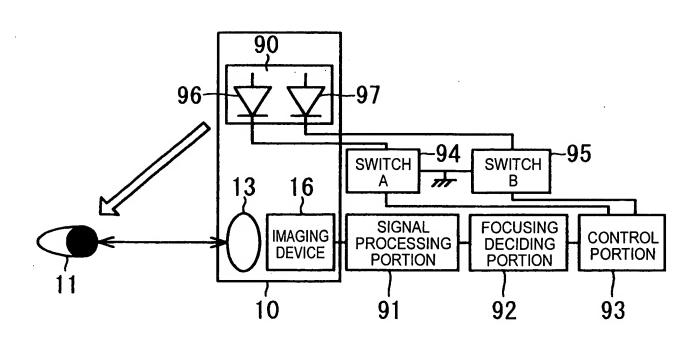


FIG. 10



## FIG. 11

- ON STATE OF A VISIBLE LIGHT LED
- OFF STATE OF A VISIBLE LIGHT LED

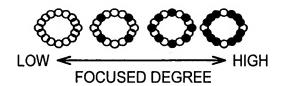


FIG. 12

Oo on state of a visible light led

O OFF STATE OF A VISIBLE LIGHT LED

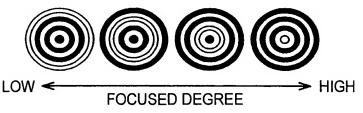
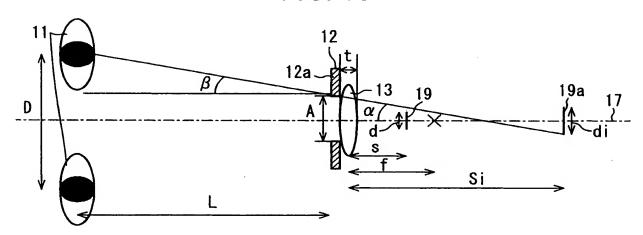


FIG. 13



- A: APERTURE DIAMETER OF THE LENS-BARREL
- t: THICKNESS OF THE LENS
- s: DISTANCE BETWEEN THE LENS AND THE LIGHT GUIDING PORTION
- si: DISTANCE BETWEEN THE LENS AND AN IMAGE ON THE LIGHT GUIDING PORTION
- f: FOCAL LENGTH OF THE LENS
- d: DIAMETER (SIZE) OF THE LIGHT GUIDING PORTION
- di: DIAMETER (SIZE) OF AN IMAGE ON THE LIGHT GUIDING PORTION
- L: SUBJECT DISTANCE IN THE EYE IMAGE PICK-UP SYSTEM
- D: INTERVAL BETWEEN BOTH EYES

